

(19) World Intellectual Property Organization
International Bureau



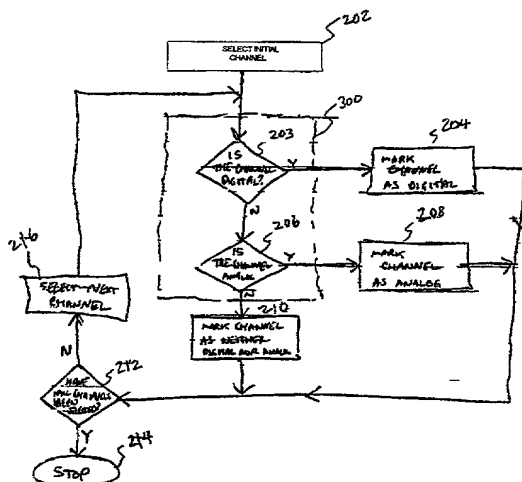
(43) International Publication Date
25 January 2001 (25.01.2001)

PCT

(10) International Publication Number
WO 01/06775 A1

- (51) International Patent Classification⁷: H04N 5/50 (74) Agents: TRIPOLI, Joseph, S. et al.; Thomson multimedia Licencing Inc., P.O. Box 5312, 2 Independence Way, Princeton, NJ 08540 (US).
- (21) International Application Number: PCT/US00/19059
- (22) International Filing Date: 13 July 2000 (13.07.2000) (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/144,336 16 July 1999 (16.07.1999) US (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): THOMSON LICENSING S.A. [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): JOHNSON, Gene, Harlow [US/US]; 14370 Whisperwind Drive, Carmel, IN 46032 (US). MAYER, Matthew, Thomas [US/US]; 9340-A Kungsholm Drive, Indianapolis, IN 46250 (US). BOUILLET, Aaron, Reel [US/US]; 1520 Persimmon Place, Noblesville, IN 46060-9713 (US).
- Published:
— With international search report.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR AUTOPROGRAMMING A TELEVISION RECEIVER



(57) Abstract: An apparatus for automatically programming information associated with a plurality of air and cable television channels. Upon receiving an autoprogramming signal, the apparatus detects analog and digital television signals from each channel to determine whether the associated air or cable channel is digital or analog. The apparatus stores information associated with the each channel into a memory unit. The results of all channels are displayed as a channel scanning list on an output device or monitor. A method for processing a plurality of air and cable television channels is also provided. The method selects a channel, receives an analog or digital signal associated with the selected channel, determines whether the channel is analog or digital, stores the result and repeats the steps until all channels have been selected. Additionally, a computer readable medium that stores a software program is provided. This program, when executed by a computer, causes the computer to perform the method embodied in the invention.